

**Amendments to the Specification**

Please replace the Abstract with the following amended Abstract:

~~A scheme by which remote users may access the full functionality of a local messaging/collaboration server (e.g., a Microsoft® Exchanger server) over wireless and voice networks is described.~~ In one aspect, a system for providing remote electronic services to a device includes an access module and a voice interface module. The access module is configured to expose messaging/collaboration data stored on a messaging/collaboration server. The voice interface module is configured to translate messaging/collaboration service requests from a voice device for presentation to the access module and to translate a requested messaging/ collaboration service deliverable from the access module for presentation to the voice device. In another aspect, a wireless interface module is configured to translate messaging/collaboration service requests from a wireless device for presentation to the access module and to translate a requested messaging/collaboration service deliverable from the access module for presentation to the wireless device. The access module also integrates fax functionality with the messaging/collaboration services provided by the messaging/collaboration server.

Please replace the paragraph at lines 6-25 on page 2 with the following amended paragraph:

Middleware products have been developed to address the need for interfaces between different computing platforms. Middleware is positioned between different components and resources of a computer network that communicate with each other. Middleware typically includes software products designed to provide various infrastructure and interfacing services between the different components and resources. Most middleware products support a tightly coupled distributed system model that requires all parts of a distributed system to be developed using a pre-defined application program interface (API). As result, any changes to any module require modifications to other modules, and changes to the API may require extensive changes to all modules. Many middleware product models have been developed (e.g., CORBA (Common Object Request Broker Architecture) from OMG, RMI (Remote Method Invocation) from Sun Microsystems, Inc., and DCOM (Distributed Component

Applicant : MAMOUN ABU-SAMAHA  
Serial No. : 09/684,065  
Filed : Oct. 6, 2000  
Page : 3 of 15

Attorney's Docket No.: 10005265-1  
Reply to action dated January 27, 2005

Object Model) from Microsoft Corporation). Typically, each such model is incompatible with other models, and applications developed under any such model will be unable to communicate with any application developed under a different model. Systems based upon such models typically include modules that rely upon middleware to provide a variety of services (e.g., connectivity, message routing, and data encryption). Applications developed under such a system are integrated tightly with the middleware and, therefore, are not readily integrated with the services of other systems.